

Confirmation

Expense report number KCIE2100327 for 12,289.77 has been submitted.

Expense Report KCIE2100327

Submission Instructions





#1532/KCC-SO-

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention

- * Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.
- * Make a photocopy of this page and any receipts for your records.
- * Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.
- * If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.

Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Allan, Cheri L (000065941)

Expense Dates 26-APR-2017 - 29-APR-2017

Cost Center 200125

Purpose KC PCARD

Original Receipts Status Not Required

Report Submit Date 05-MAY-2017

None

Report Total 12,289.77 USD

Reimbursement Amount 0.00 USD

Expense Lines Expense Allocations Weekly Summary Approval Notes [1] Approvers

Project Allocations

Expand All | Collapse All



Ψ													
Focus Line	Payme Method	nt Date	Expense Type	Receipt Amount	Reimbursable Amount (USD)	Merchant	Location	Justification	Project	Task A	Award	Project Expenditure Organization	
4	All				12,289.77			×		9			
	1 Credit Card	27-Apr-201	17 53210 SERVICES COMMUNICATIO	ONS 236.35 USD	236.35	COMCAST CABLE COMM		NO CPA/CABLE SVC FOR SURVEILLANCE CAMERAS/INV #0816486- APR17/NTX-KC- 0001/NO TAX	1039529 KCSO REGIONAL INTEL GROUP	001 DEFAULT TASK		200400 REGIONAL INTEL GROUP	: /
	2 Credit Card	27-Apr-201	17 52189A SOFTWARE NONCAP	2,495.00 USI	0 2,495.00	WWW.HAWKANALYTICS.CC	OM	NO CPA/SOFTWARE PROGRAM FOR MCU/INV #2325/KCC-SO- 0100/USE TAX \$252.00	1039550 KCSO MAJOR CRIMES	001 DEFAULT TASK		200341 MAJOR CRIMES	
	3 Credit Card	27-Apr-201	17 52189A SOFTWARE NONCAP	2,695.00 USI	2,695.00	DMEFORENSICS INV-1532		NO CPA/SOFTWARE PROGRAM FOR MCU/INV	1039550 KCSO MAJOR CRIMES	001 DEFAULT TASK		200341 MAJOR CRIMES	/

					0100/USE TAX \$272.20					
4 Credit Card	27-Apr-2017 52215 BOOKS SUBSCRIPTIONS	989.99 USD	989.99	DEVELOPER EXPRESS INC	NO CPA/SOFTWARE SUBSCRIPTION RENEWAL/INV #P10184/KCC-SO- 0100/USE TAX \$99.89	1039412 KCSO ISS APPLICATION SUPPORT	001 DEFAULT TASK	RAIN	200141 APPLICATION SUPPORT	1
5 Credit Card	29-Apr-2017 53210 SERVICES COMMUNICATIONS	0.03 USD	0.03	COMCAST CABLE COMM	NO CPA/CABLE SVC FOR FAIRWOOD STOREFRONT/INV #2122961- APR17/NTX-KC- 0001/NO TAX	1039418 KCSO PRECINCT 3 SOUTHEAST	001 DEFAULT TASK		200222 S.E. PRECINCT SUPPORT	
Credit 6/1 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	108.15 USD	108.15	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #577833531/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT	
Credit 6/2 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	168.88 USD	168.88	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR ASU/INV #577833531A/NTX- KC-0001/NO TAX	1039502 KCSO AIR SUPPORT UNIT	001 DEFAULT TASK		200330 AIR SUPPORT	/
Credit 6/3 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	13.49 USD	13.49	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #577047278/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT	/
Credit 6/4 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	36.22 USD	36.22	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #576327071/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT	/
Credit 6/5 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	82.19 USD	82.19	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #575499835/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT	/
Credit 6/6 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	12.24 USD	12.24	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #574083363/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT	/
Credit 6/7 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	12.23 USD	12.23	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #574837874/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT)
Credit 7/1 Card	26-Apr-2017 52189A SOFTWARE NONCAP	5,200.00 USD	5,200.00	SIMPLEHELP 40 L	NO CPA/SIMPLEHELP LICENSES FOR ISS/INV #SH116328/KCC- SO-0100/USE TAX \$525.20	1039412 KCSO ISS APPLICATION SUPPORT	001		200141 APPLICATION SUPPORT	√.
Credit 7/2 Card ·	26-Apr-2017 53611 IT EQUIP REPAIR MAINT	240.00 USD	240.00	SIMPLEHELP 40 L	NO CPA/RENEW SIMPLEHELP LICENSES FOR AFIS/INV #SH116328A/KCC- SO-0100/USE TAX \$24.24	1039606 KCSO AUTO FINGRPRNT IDENT SYS	001 DEFAULT TASK		208000 AUTO FINGERPRINT , IDENT	\frac{1}{2}
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Pcard / Travel Card Business Expenses 12,289.77 Cash and Other Business Expenses 0.00

> **Expense Report Total** 12,289.77 USD

Company Paying to Pcard / Travel Card Issuer 12,289.77 USD

> Reimbursement to You 0.00 USD

Pcard / Travel Card Unreimbursable Expenses 0.00 Pcard / Travel Card Itemized Unreimbursable Expenses 0.00

> You Pay to Pcard / Travel Card Issuer 0.00 USD

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Allan, Cheri

From: Sent:

Hawk Analytics [training@hawkanalytics.com]
Thursday, April 27, 2017 10:18 AM

To:

Subject:

Your Hawk Analytics order receipt from April 27, 2017

Thank you for your order

Your order has been received and is now being processed. Your order details are shown below for your reference:

Order #2325

Product	Quantity	Price	
CellHawk - Tier1		Frice	
Subtotal:	1	\$2,495.00	
		\$2,495.00	
Payment Method: Total:		Credit card	Usetax
		\$2,495.00	Use tax 252.00
Customer details			

Customer details

Note: Ender User is Melissa Rogers 206-263-2095

Melissa.rogers@kingcounty.gov

- Email: cheri.allan@kingcounty.gov
- Tel: 206-263-2588

Billing address

Confirmation

Expense report number KCIE2100327 for 12,289.77 has been submitted.

Expense Report KCIE2100327

Submission Instructions





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General Information

Expense Lines	Original Rec			Ex	
Expense Al	Original Receipts Status Not Required	Purpose	Cost Center 200125	pense Dates	Name
locations	Not Requir	Purpose KC PCARD	200125	26-APR-20	Allan, Cher
Weekly Summary	 ed .	J		Expense Dates 26-APR-2017 - 29-APR-2017	Name Allan, Cheri L (000065941)
Expense Lines Expense Allocations Weekly Summary Approval Notes [1] Approvers					
Approvers		Reimbursement Amount 0.00 USD	Report Total		Report Submit Date 05-MAY-201
		0.00 USD	Report Total 12,289.77 USD	None	05-MAY-2017
×					

Expense Lines	
Expense Allocations	
Weekly Summary	
Approval Notes [1]	
App	

Project Allocations

Expand All | Collapse All

FOCUS LÎNE Payment Method Date Expense Type Amount (USD) 12,289.77 12,289.77 12,289.77 12,289.77 NO CPA/CABLE SUV FORMA CAMERAS/INV 40316489- Cardît	*				
Hethod Date Expense Type Receipt Reimbursable Location Justification Project Task Amount (USD) Amount (USD) 1 Credit Card Card Card Card Card Card Card Card			*		Focus Line
Expense Type	3 Credit Card	2 Credit Card	1 Credit Card		Paymen Method
Reimbursable Amount Merchant Location Justification Project Task Award (USD) 12,289.77 NO CPA/CABLE SVC FOR SVC FOR SVC FOR SVC FOR CAMERAS/INV H9816486- NTEL TASK AWARD PROGRAM FOR PROGRAM FOR O100/USE TAX \$252.00 236.35 COMCAST CABLE COMM FOR CAMERAS/INV H9816486- NTEL TASK NO CPA/SOFTWARE PROGRAM FOR O1000/USE TAX \$252.00 D 2,495.00 D 2,495.00 D 2,695.00 D 3,000 D 4,000 D 4,000 D 5,000 D 6,000 D 7,000 D	27-Apr-2017	27-Apr-2017	27-Apr-2017 (
Reimbursable Amount Merchant Location Justification Project Task Award (USD) 12,289.77 NO CPA/CABLE SVC FOR SVC FOR SVC FOR SVC FOR CAMERAS/INV H9816486- NTEL TASK AWARD PROGRAM FOR PROGRAM FOR O100/USE TAX \$252.00 236.35 COMCAST CABLE COMM FOR CAMERAS/INV H9816486- NTEL TASK NO CPA/SOFTWARE PROGRAM FOR O1000/USE TAX \$252.00 D 2,495.00 D 2,495.00 D 2,695.00 D 3,000 D 4,000 D 4,000 D 5,000 D 6,000 D 7,000 D	32189A SOFTWARE NONCAP	32189A SOFTWARE NONCAP	33210 SERVICES COMMUNICAT		Expense Type
Merchant Location Justification Project Task Award NO CPA/CABLE SVC FOR SURVEILLANCE ABBIT TASK AWARD COMCAST CABLE COMM GAMERAS/INV #8816486- APR17/NITX-KC- O001/NO TAX NO CPA/SOFTWARE PROGRAM FOR MCU/INV #2325/KCC-SO- 0100/USE TAX \$252.00 DMEFORENSICS INV-1532 CPA/SOFTWARE PROGRAM FOR MCU/INV #1532/KCC-SO- CRIMES TASK TASK MCU/INV #1532/KCC-SO- CRIMES TASK MCU/INV #1532/KCC-SO- CRIMES TASK TASK MCU/INV #1532/KCC-SO- CRIMES TASK MCU/INV #1	2,695.00 USI	2,495.00 USE	IONS 236.35 USD		Receipt Amount
Merchant Location Justification Project Task Award NO CPA/CABLE SVC FOR SURVEILLANCE RCSSO CAMERAS/INV #3816486- APR17/NTX-KC- O001/NO TAX NO CPA/SOFTWARE PROGRAM FOR MCU/INV #2325/KCC-SO- O100/USE TAX \$252.00 DMEFORENSICS INV-1532 CPA/SOFTWARE PROGRAM FOR MCU/INV #1532/KCC-SO- MCU/INV #1532/KCC-SO- MCU/INV #1532/KCC-SO- MCU/INV #1532/KCC-SO- MCU/INV #1532/KCC-SO-	2,695.00	2,495.00	236.35	12,289.77	Reimbursab Amount (USD)
NO CPA/CABLE SVC FOR SURVEILLANCE CAMERAS/INV #0816486-APR17/NTX-KC-0001/NO TAX NO CPA/SOFTWARE PROGRAM FOR MCU/INV #2325/KCC-SO-0100/USE TAX \$252.00 NO CPA/SOFTWARE PROGRAM FOR PROGRAM FOR CPA/SOFTWARE PROGRAM FOR CPA/SOFTWARE PROGRAM FOR CRIMES TASK TASK MCU/INV #1532/KCC-SO-	DMEFORENSICS INV-1532	WWW.HAWKANALYTICS.COM	COMCAST CABLE COMM		
Task Award 001 AL DEFAULT TASK 001 AJOR DEFAULT TASK TASK TASK TASK TASK	NO CPA/SOFTWARE PROGRAM FOR MCU/INV #1532/KCC-SO-		NO CPA/CABLE SVC FOR SURVEILLANCE CAMERAS/INV #0816486- APR17/NTX-KC- 0001/NO TAX NO		Location Justification
Task Award 001 DEFAULT TASK 001 DEFAULT TASK TASK TASK	1039550 KCSO MAJOR CRIMES	1039550 KCSO MAJOR CRIMES	1039529 KCSO REGIONAL INTEL GROUP		Project
Project Award Expenditure Organization 200400 REGIONAL INTEL GROUP 200341 MAJOR CRIMES 200341 MAJOR CRIMES	001 DEFAULT TASK	001 DEFAULT TASK	001 DEFAULT TASK	2	
	200341 MAJOR CRIMES	200341 MAJOR CRIMES	200400 REGIONAL INTEL GROUP		Project ward Expenditure Organization

					0100/USE TAX \$272.20					
4 Credit Card	27-Apr-2017 52215 BOOKS SUBSCRIPTIONS	989.99 USD	989.99	DEVELOPER EXPRESS INC	NO CPA/SOFTWARE SUBSCRIPTION RENEWAL/INV	1039412 KCSO ISS APPLICATION SUPPORT	001 KO DEFAULT RA TASK OI	AIN	200141 APPLICATION SUPPORT	1
5 Credit Card	29-Apr-2017 53210 SERVICES COMMUNICATIONS	6 0.03 USD	0.03	COMCAST CABLE COMM	STOREFRONT/INV	1039418 KCSO PRECINCT 3 SOUTHEAST	001 DEFAULT TASK		200222 S.E. PRECINCT SUPPORT	
Credit 6/1 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	108.15 USD	108.15	FEDEX 24187533	FOR PMU/INV	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT	/
Credit 6/2 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	168.88 USD	168.88	FEDEX 24187533	FOR ASU/INV	1039502 KCSO AIR SUPPORT UNIT	001 DEFAULT TASK		200330 AIR SUPPORT	/
Credit 6/3 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	13.49 USD	13.49	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #577047278/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT	/
Credit 6/4 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	36.22 USD	36.22	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #576327071/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT	/
Credit 6/5 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	82.19 USD	82.19	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #575499835/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT	/
Credit 6/6 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	12.24 USD	12.24	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #574083363/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFÄULT TASK		200106 PROPERTY MGMT UNIT	/
Credit 6/7 Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	12.23 USD	12.23	FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #574837874/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT	J
Credit 7/1 Card	26-Apr-2017 52189A SOFTWARE NONCAP	5,200.00 USD	5,200.00	SIMPLEHELP 40 L	NO CPA/SIMPLEHELP LICENSES FOR ISS/INV #SH116328/KCC- SO-0100/USE TAX \$525.20	1039412 KCSO ISS APPLICATION SUPPORT	001 KI DEFAULT R. TASK O	AIN	200141 APPLICATION SUPPORT	√ <u>.</u>
Credit 7/2 Card ·	26-Apr-2017 53611 IT EQUIP REPAIR MAINT	240.00 USD	240.00	SIMPLEHELP 40 L	NO CPA/RENEW SIMPLEHELP LICENSES FOR AFIS/INV #SH116328A/KCC- SO-0100/USE TAX \$24.24	1039606 KCSO AUTO FINGRPRNT IDENT SYS	001 DEFAULT TASK		208000 AUTO FINGERPRINT IDENT	
					Y= 1.= 1					

Pcard / Travel Card Business Expenses 12,289.77 Cash and Other Business Expenses 0.00

> Expense Report Total 12,289.77 USD

Company Paying to Pcard / Travel Card Issuer 12,289.77 USD

> Reimbursement to You 0.00 USD

Pcard / Travel Card Unreimbursable Expenses 0.00 Pcard / Travel Card Itemized Unreimbursable Expenses 0.00

> You Pay to Pcard / Travel Card Issuer 0.00 USD

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From: Sent:

To:

Hawk Analytics [training@hawkanalytics.com]

Thursday, April 27, 2017 10:18 AM

Allan, Cheri

Subject:

Your Hawk Analytics order receipt from April 27, 2017

Thank you for your order

Your order has been received and is now being processed. Your order details are shown below for your reference:

Order #2325

Product	Quantity	Price			
CellHawk - Tier1	1	\$2,495.00			
Subtotal:		\$2,495.00			
Payment Method:		Credit card	Use tax 252.00		
Total:		\$2,495.00	252.00		

Customer details

Note: Ender User is Melissa Rogers 206-263-2095
 Melissa.rogers@kingcounty.gov

• Email: cheri.allan@kingcounty.gov

Tel: 206-263-2588

Billing address

Cheri Allan King County Sheriff's Office 516 3rd Ave Rm W150 Seattle, WA 98104

Hawk Analytics - Powered by WooCommerce



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:

DATE:

TOTAL:

PAYMENT METHOD:

2325

April 27, 2017

\$2,495.00

Credit card

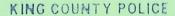
ORDER DETAILS

PRODUCT	TOTAL
CellHawk - Tier1 [https://www.hawkanalytics.com/product/cellhawk- tier1/]_× 1	\$2,495.00
SUBTOTAL:	\$2,495.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,495.00



RECEIVED BUDGET & ACCOUNTING







Memorandum

Chain of Command

Date:

April 13, 2017

To:

Jason King, Budget and Accounting

From:

Sgt. John C. McSwain, Major Crimes Unit

Re:

CELLHAWK SUBSCRIPTION RENEWAL

CellHawk is a software program used in the KCSO Major Crimes/Digital Forensics Unit to map cell phone usage. Cell mapping is a common task used in most of our larger more complex and highly sensitive cases and this tool is an essential tool in our toolbox.

This year's subscription will expire on April 27th and needs to be renewed ASAP so we don't lose data.

I have attached a copy of the invoice for payment.

Total cost for 1 year license is 2495.00

Thanks for your consideration



INVOICE

Invoice #: INV21838
Issued Date: 03-07-2016

Purchase Order #:

Prepared For: King County (WA) Sheriff's Office

Primary Contact: Melissa Rogers 206-263-2095

melissa.rogers@kingcounty.gov

Seattle WA

Quantity	Description	List Price	Sub Total	Total
	CellHawk Subscription - Tier 1 TERM OF LICENSE AND SUBSCRIPTION: 12 months MAXIMUM NUMBER OF DETAIL RECORDS: 100,000 MAXIMUM NUMBER OF USERS: 5	2,495.00	2,495.00	2,495.00
		Grand To	otal (USD)	2,495.00

Terms & Conditions:

By providing payment in response to this quote:

- You acknowledge having received, read & understood the Hawk Analytics Master Subscription Agreement updated on October 1, 2013.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

The Total Cost covers:

- Use of the Application
- · All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.

Hawk analytics 3495.00

CORRECT ST

Expense Reports



Global Policy Home Logout Preferences

Expenses

Expenses Home | Expense Reports | Pcard / Travel Card Transactions | Access Authorizations | Projects and Tasks | Payments Search

Confirmation

Expense report number KCIE1177946 for 5,592.06 has been submitted.

Expense Report KCIE1177946

Return

Create New Expense Report

Printable Page

Submission Instructions

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- * Make a photocopy of this page and any receipts for your records.
- * Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.
- * If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.

Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Reed, Nancy J

(000074897)

Expense Dates 22-MAR-2016 - 24-

MAR-2016

Cost Center 200125

Purpose KC PCARD

Original Receipts Status Not Required

Report Submit Date 28-MAR-2016

Attachments None Add...

Report Total 5,592.06 USD

Reimbursement Amount 0.00 USD

Expense Lines Expense Allocations Weekly Summary Approval Notes [0] Approvers Expand All | Collapse All 0 Project Reimbursable **Payment** Expend Receipt Amount Method Date Focus Line Location Justification Expense Type Project Task Award Organiz Amount (USD) Merchant

⊕ AII			5,592.06		1	i	;	6
1 Credit Card	23-Mar-2016 53812 LICENSES AND FEES	2,495.00 USD	2,495.00	SQ *HAWK ANALYTICS	TEMECULA NO CPA/SQ *HAWK ANALYTICS INV 21600/FOR ANNUAL SUBSCRIPTION RENEWAL :04/28/2016- 04/27/2017 FOR MCU/DIGITAL FORENSICS UNIT/NTX- KC-0001/Exempt from Sales and Use Tax \$0.00		001 DEFAULT TASK	200125 BUDGET ACCOUN
2 Credit Card	22-Mar-2016 53610D REPAIR MAINT EQUIPMENT	230.16 USD	230.16	TIME EQUIPMENT COMPANY	NO CPA/TIME EQUIPMENT COMPANY INV 46044/REPAIR OF TIME CLOCK FOR BUDGET & ACCOUNTING/KCC-SO- 0100/Sales Tax Paid \$20.16	AND ACCTG	001 DEFAULT TASK	200125 BUDGET ACCOUN
3 Credit Card	24-Mar-2016 52290 MISC OPERATING SUPPLIES	2,866.90 USD	2,866.90	BRENTRONICS	NO CPA/BRENTRONICS INV 100000846/FOR ROOT BATTERIES/HIREM GRIJALVA/No Sales Tax Paid/PLEASE PAY USE TAX/MPV-SB-0001/USE TAX \$246.55	KCSO HDMT BDU	DEFAULT	200313

Pcard / Travel Card Business Expenses 5,592.06 Cash and Other Business Expenses

0.00

Expense Report Total

5,592.06 USD

Company Paying to Pcard / Travel Card Issuer

5,592.06 USD

Reimbursement to You

0.00 USD

Pcard / Travel Card Unreimbursable Expenses Pcard / Travel Card Itemized Unreimbursable Expenses You Pay to Pcard / Travel Card Issuer

0.00 0.00 0.00 USD

Return

Create New Expense Report

Printable Page

Expenses Global Policy Home Logout Preferences

Privacy Statement

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KUE117946

From: Sent:

To: Subject: Hawk Analytics via Square [receipts@messaging.squareup.com] Wednesday, March 23, 2016 5:13 PM

Reed, Nancy

Receipt from Hawk Analytics

Reply to this email to leave feedback for Hawk Analytics



\$2,495.00

Custom Amount

\$2,495.00

Total

\$2,495.00



Hawk Analytics

Visa 8409 VISA

3/23/2016, 4:22 PM #JMCm © 2016 Square, Inc. All rights reserved. 1455 Market Street, Suite 600, San Francisco, CA 94103

Square Privacy Policy
Map data © OpenStreetMap contributors
Not your receipt?





43200 Business Park Drive, Suite 109 Temecula, CA 92590 951-365-2655 sales@hawkanalytics.com

Invoice

Invoice #:	INV21600
Date:	3/23/2016

Bill To

King County Sheriff's Office 516 Third Avenue, W150 KC Courthouse-Seattle, WA 98104-2312 Ship To

King County Sheriff's Office 516 Third Avenue, W150 KC Courthouse Seattle, WA 98104-2312

P.O. Number **8409**

Quantity	Item Code	Description	Price Each	Amount
		CellHawk - Annual Subscription Renewal SUBSCRIPTION DATES: 4/28/16 through 4/27/17	2,495.00	2,495.00
			,	
	-			
			-	
				-

Total

\$2,495.00

Reed, Nancy

From:

Reed, Nancy

Sent:

Wednesday, March 16, 2016 6:46 PM

To: Cc: 'sales@hawkanalytics.com'

Subject:

McSwain, John

Attachments:

INVOICE 21600 po# 8409 MCSWAIN AMT 2495.00

INV 21600 HAWK ANALYTICS CELL HAWK.pdf; KC-W9 2.pdf

MAR 1 6 2016



I would like to pay the attached Invoice with credit card. Please give me a call so I may give you my credit card information.

Attached please file out the attached KC-W9 so I can put you into our system for future purchases. Thank you.

Have a nice day.

Nancy Reed King County Sheriff's Office Budget & Accounting 516 3rd Ave. RMW150 Seattle, WA 98104

Tel: 206 263-2598 Fax: 206 296-0164

Email: Nancy.Reed@kingcounty.gov

MAR 2 3 2016 - Fraud Alert has been lifted by Bank
may parocess payment







16 MAR 16 AM 10: 48

KING COURTY POLICE

Memorandum

Chain of Command

Date: March 9, 2016

To: DeWayne Pitts, Budget and Accounting

Sqt. John C. McSwain, MCU/Digital Forensics Unit From:

CELL HAWK CELL TOWER ANALYTICS TOOL, LICENSE RENEWAL Re:

In April of 2015 the KCSO MCU/Digital Forensics Unit purchased "Cell Hawk" to use as a Cell Tower Analytic Tool. This tool has proved useful and intuitive and has become our primary tool when it comes to analyzing and tracking cell tower data and movement of suspects.

Our Tier 1 License is about to expire and I am requesting we renew this valuable tool for another year. I have attached the invoice to this memo for your review.

Feel free to ask questions should you have any concerns.

Hawk Analytics/Cell Hawk 43200 Business Park Dr. #109 Temecula, CA 92590 Sales@HawkAnalytics.com

Bill to: King County Sheriff's Office Budget & Accounting 516 3rd Ave., RM W150 Seattle, WA 98104 PO# 8409

Total 1 year "tier 1" cost – \$2,495.00 ADM-SO-O100

NO SPA /OR IN O

1039550 53812 TOOI Ship to: John McSwain KCSO/MAJOR CRIMES 500 4th Ave, Suite 200 Seattle, WA 98104 No weekend Delivery

925 - 918 - 3669 - Mike Melson



INVOICE

Invoice #: INV21600 Issued Date: 03-07-2016

Purchase Order #: 8409

Prepared For: King County Sheriff's Office

Primary Contact: Melissa Rogers 206-263-2095

melissa.rogers@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
	CellHawk Subscription - Tier 1 TERM OF LICENSE AND SUBSCRIPTION: 12 months MAXIMUM NUMBER OF DETAIL RECORDS: 100,000 MAXIMUM NUMBER OF USERS: 5	2,495.00	2,495.00	2,495.00
	•	Grand To	otal (USD)	2,495.00

Terms & Conditions:

By providing payment in response to this quote:

- You acknowledge having received, read & understood the Hawk Analytics Master Subscription Agreement updated on October 1, 2013.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

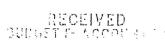
The Total Cost covers:

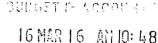
- Use of the Application
- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.











Memorandum

Chain of Command

KING COUNTY FOLICE

Date:

March 9, 2016

To:

DeWayne Pitts, Budget and Accounting

From:

Sgt. John C. McSwain, MCU/Digital Forensics Unit

Re:

CELL HAWK CELL TOWER ANALYTICS TOOL, LICENSE RENEWAL

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King County Sheriff's Office Budget & Accounting 516 3rd Ave., RM W150 Seattle, WA 98104 PO# 8409

Total 1 year "tier 1" cost – \$2,495.00 ADM-SO-0100

NO SPA /OR IN O

1001



43200 Business Park Dr #109 Temecula, CA 92590 +1 951 365 2655 sales@hawkanalytics.com

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Invoice #: INV21600 Issued Date: 03-07-2016

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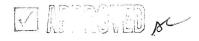
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Confirmation

Expense report number KCIE2894555 for 25,214.63 has been submitted.

Expense Report KCIE2894555

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

* Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.

* Make a photocopy of this page and any receipts for your records.

* Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.

* If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.

Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Allan, Cheri L (000065941)

Expense Dates 02-APR-2018 - 03-APR-2018

Cost Center 200125

Purpose KC PCARD

Original Receipts Status Not Required

Report Submit Date 06-APR-2018

None

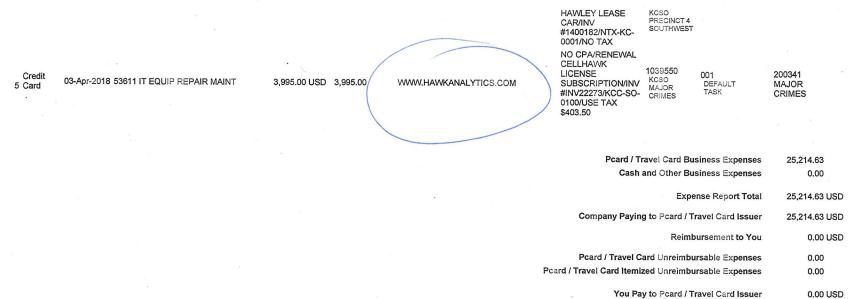
Report Total 25,214.63 USD

Reimbursement Amount 0.00 USD

Expense Lines Expense Allocations Weekly Summary Approval Notes [0]

Project Allocations

⇒												
Focus Line	Payment Method	Date	Expense Type	Receipt Amount	Reimbursable Amount (USD)	Merchant	Location	Justification	Project	Task A	ward Ex	oject penditure ganization
All					25,214.63							-
,	Credit 1 Card	02-A pr-2018	56770 LAW ENFORCEMENT EQUIP	8,095.00 USD	8,095.00	IN *VOHNE LICHE KENNELS I		NO CPA/POLICE DOG K9 ROKKI PURCHASE/INV #14626/KCC-SO- 0100/USE TAX \$817.60	1039441 KCSO CANINE UNIT	001 DEFAULT TASK	CA	0224 ANINE ATROL
;	Credit 2 Card	02-A pr-2018	3 56770 LAW ENFORCEMENT EQUIP	12,121.88 USD	12,121.88	IN *ADLERHORST INTERNATIO		NO CPA/POLICE DOG K9 HASSA PURCHASE/INV #100200/KCC-SO- 0100/SALES TAX \$871.88	1039441 KCSO CANINE UNIT	001 DEFAULT TASK	CA	0224 ANINE ATROL
	Credit 3 Card	03-Apr-2018	3 53330 PURCHASED TRANSPORTATION	2.75 USD	2.75	GOOD2GO-INTERNET		NO CPA/TOLL CHARGES/INV #TB180866207/NTX- KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	PF	0106 ROPERTY GMT UNIT
	Credit 4 Card	03-Apr-2018	3 53890 MISC SERVICES CHARGES	1,000.00 USD	1,000.00	CLAIMS CENTER FLORIDA		NO CPA/DEDUCTIBLE FOR ACCIDENT-	1039419	001 DEFAULT TASK	PF	0223 S.W. RECINCT JPPORT



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From: Sent:

To:

Hawk Analytics <sales@hawkanalytics.com>

Tuesday, April 03, 2018 8:49 AM

Allan, Cheri

Subject:

Your Hawk Analytics order receipt from April 3, 2018

Thank you for your order

Your order has been received and is now being processed. Your order details are shown below for your reference:

Order #3133

Product Quantity		Price
CellHawk - Tier 2 1		\$3,995.00
Subtotal:	\$3,995.00	
Payment Method:		Credit card
Total:	\$3,995.00	

Customer details

• Email: cheri.allan@kingcounty.gov

• Tel: 2062632588

Use tax \$403,50

Billing address

Cheri Allan King County Sheriff's Office 516 3rd Ave



Remit To: Hawk Analytics, Inc. 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

INVOICE

Invoice #: INV22273
Issued Date: 04-02-2018

Purchase Order #: N/A

Prepared For: King County Sheriff's Office

Primary Contact: Blythe Miniken

Blythe.Miniken@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
	CellHawk Subscription - Tier 2 TERM OF LICENSE AND SUBSCRIPTION: 12 months MAXIMUM NUMBER OF DETAIL RECORDS: 250,000 MAXIMUM NUMBER OF USERS: 5	3,995.00	3,995.00	3,995.00
		Grand To	tal (USD)	3,995.00

Terms & Conditions:

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2018 APR -2 AM 11: 26



Memorandum

Via: Chain of Command

Date:

March 27, 2018

To:

Captain Ted Boe, Criminal Investigations Division

From:

Sergeant Blythe Miniken, Major Crimes Unit

Re:

CELLHAWK LICENSE RENEWAL 2018

Cellhawl that map Cell map This tool represen travels, a analyze t imagery, graphica own mar cases an compete current a For the n

class and

have Asked my stork

IN Clisis

estigations Division inal investigations. sensitive cases. s us with a graphical here the phone has his tool also helps ain maps, satellite ites and gives a re able to add their ccess in many o maintain rial. This is the

We sponsored the

This year's subscription to the Cellhawk software will expire on April 27th and needs to be renewed ASAP so we don't lose data.

I have attached a copy of the invoice for payment. We have requested a Tier 2 status which allows for 250,000 records. We currently have a Tier 1 status which only allows for 100,000 records and we are already almost at capacity as we utilize this tool so often.

Total cost for 1 year license is \$3995.00

REcomment Approval!
Chief Jeel C. S.
63/29/2018

Attachment: Cellhawk Quote #Quo1767



Quote

Quote #: QUO1767 Issued Date: 02-20-2018

Valid Until: 04-25-2018

Prepared For: King County Sheriff's Office

Primary Contact: Blythe Miniken

Blythe.Miniken@kingcounty.gov

		Sub Total	Total
1.00 CellHawk Subscription - Tier 2 TERM OF LICENSE AND SUBSCRIPTION: 12 months MAXIMUM NUMBER OF DETAIL RECORDS: 250,000 MAXIMUM NUMBER OF USERS: 5	3,995.00	3,995.00	3,995.00

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Expense Reports

Sawk analytics



Expenses Pcard / Travel Card Transactions Expenses Home Expense Reports Access Authorizations Projects and Tasks Payments Search Confirmation

Expense report number KCIE2769500 for 6,174.95 has been submitted.

Expense Report KCIE2769500

Create New Expense Report | Printable Page

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

- * Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.
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Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Huffman, Christine S (000074915)

Report Submit Date 14-FEB-2018

Expense Dates 08-FEB-2018 - 09-FEB-2018

None Add

Cost Center 200125

Report Total 6,174,95 USD

Reimbursement Amount 0.00 USD

Purpose KC PCARD Original Receipts Status Not Required

Expense Lines

Expense Allocations

Weekly Summary Approval Notes [0] Approvers

Business Expenses

Pcard / Travel Card Expenses

∇	311
	~

Date	Receipt Amount Expense Type	Justification	Merchant Name	Original Receipt Required	Receipt Missing	Reimbursable Amount (USD)	Details	Attachments	
08-Feb-2018	149.00 USD 53814 TRAINING	NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB- 0001 0.00	LIFELINE TRAINING			149.00		4	
09-Feb-2018	1,192.42 USD	NO CPA/KENMORE WASHER/SEARS/ORDER 093000078507 RAV-SB-0001 94 43	SEARS.COM 9300		*	1,192.42	(AD	4	,

	52180 MINR ASSET NON CONT L 5K						
09-Feb-2018	52202E 850.58 USD PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA		850.58	屋	4
09-Feb-2018	15.96 USD 52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY		15.96	I	Ť
09-Feb-2018	53890 MISC 607.00 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE		607.00		4
09-Feb-2018	2,750.00 USD 53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY		2,750.00		4
09-Feb-2018	53890 MISC 11.78 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE	•	11.78		4
09-Feb-2018	53890 MISC 10.36 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE		10.36	厚	
08-Feb-2018	587.85 USD 53210 SERVICES COMMUNICATION	NO CPA/MICROPHONE HEADSET W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 28212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548- 4645		587.85		造
				Total	6,174.95		

Pcard / Travel Card Business Expenses	6,174.95
Cash and Other Business Expenses	0.00
,	
Expense Report Total	6,174.95 USD
Company Paying to Pcard / Travel Card Issuer	6 474 05 1100
Company Paying to Peard / Travel Card Issuer	6,174.95 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD

Return | Create New Expense Report | Printable Page

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Privacy Statement

Invoice

2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

Invoice #:	INV22195
Date:	2/9/2018

Bill	

King County Sheriff's Office ATTN: Christine Huffman Ship To

King County Sheriff's Office ATTN: Christine Huffman

P.O. Number

Quantity Item Code	Description	Price Each	Amount
5 CH-TRAIN	CellHawk Product Training	550.00	2,750.00
	Merclich 550.06 Sobozyk 550.06 Myers 550.06 Olmotead 550.00 Devore 550.00		2
	50bozyk 55000	e e	
,	Myers 550.06	-	
	almotead 556.06		
	Devore 550.00		
	. •	, -	
			8
	P 1039528		
	0 200346 F 5384 T (70) A =	n 4	
	E 53814 TOOLA -		
			20

Total

\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:

DATE:

February 9, 2018

TOTAL: **\$2,750.00**

PAYMENT METHOD:

Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00



RECEIVED BUDGET & ACCOUNTING

Request for Training

2018 FEB - 2 PH 12: 12

		K	ING COUNTY	POLICE			
Date:	01/25/18					Supervisor signa	
То:	Chief Jerrell V	Vills, CID	Via:	Chain		the (M)	
From:	Sergeant Blyth	ne Miniken, MCl	, , ,	o ,	Captain	ecommends approval Ves] No
Re:	CELLHAWK A	ANALYTICS	,		Charge to	Chief approved Yes Low Org # Druk Fond] No
	Unit: Major Section: MIS/C ss Title: CellH		103 020 E 5381	9528 10340 4 T or	Mandator	ry? No If yes, explain bel	<u>ow</u>
L	ocation: _Des N	Moines, WA				AND THE PARTY OF T	
Training	g Dates: <u>Marcl</u>	n 27-29, 2018		Tr	avel Dates:	n/a	
Attendee(s): 1. Detective Joe Merconder 2. Detective Patrick Solution 3. Detective Chris My 4. Detective Matthew		Sobczyk yers	5. 6. 7. 8.	8	Chad Devore		
Early Bi	r attendee rd Registration d before (date)	\$	Registration for	orm \square A	ttached for l	nave already registered B&A to submit <i>(with payment if applica</i> ster online and pay with credit ca	
Regula	ar Registration Meals	*	Registration fe	ee 🗌 P	repaid .O needed I/A or other	☐ Sponsor will bill B&A☑ Invoice attached☐ B&A to pay online (info attached)	:hed)
	Lodging Transportation Other TOTAL	\$ \$ \$ \$550 per perso	on.			Attach an original signed Travel Pre-Authorization Forn for out-of-county (more than 6 h out-of-state or overnight trave http://financeweb.metrokc.gov/finance/f BS/EBS_AP_Travel_Pre-Authorization	rs), I. md/E
	TOTAL	\$2750 all affor		Poguoet	L Cash Advan	nce \$ ner nerson	

Date 1/25/18
Budget & Accounting
Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken



RECEIVED BUDGET & ACCOUNTING 2018 FEB - 2 PH 12: 11

Memorandum

Via: Chain of Command

Date:

January 22, 2018

To:

Captain Ted Boe, Criminal Investigations Division

From:

Sergeant Blythe Miniken, Major Crimes Unit

Re:

CELLHAWK TRAINING

Cellhawk is a software program used by detectives through the KCSO Criminal Investigations Division that map cell phone usage when provided with Call Detail Records (CDR's) in criminal investigations. Cell mapping is a common task used in most of our larger, more complex, or highly sensitive cases. This tool allows us to upload data files provided by cellular companies and provides us with a graphical representation of individual calls on the map. It shows geographic boundaries of where the phone has travels, allows us to plot the most frequently used cells and see them on a map. This tool also helps analyze the CDR for anomalies or frequency, and also displays calls based on terrain maps, satellite imagery, street maps, and aviation charts. Cellhawk shows all of the provider cell sites and gives a graphical representation of the actual sector orientation for a cell. Our detectives are able to add their own markups to aid in presenting their data. Cellhawk has been used with great success in many cases among Major Investigations and, as technology expands, so does our need to maintain competency in these areas for purposes of investigations and presentation during trial. This is the current and only tool used for cell mapping at the King County Sheriff's Office.

Cellhawk training is offered around the country, however we have requested that they bring the training to the Seattle area based on the number of detectives within KCSO that would like the training. KCSO has sponsored a three day Cellhawk class on March 27th, 28, and 29th of 2018. Because we sponsored the class, we were given three seats in the class at no charge. The class (for all three days of training) costs \$590 per person. I have attached the class flyers for more information. Detectives Do, Elliott, and Glasgow will be attending the class for free. We are requesting that we also send Detectives Olmstead, Merclich, Sobczyk, Myers, and Sgt. Devore as this class would benefit each unit greatly. This would be a total cost of \$2950. Based on the fact that the majority of cases in Major Investigations/CID have a nexus to drugs, it would be appropriate to fund this class utilizing the drug fund.

Attachment: Cellhawk Flyer (2pgs) I DO NOT believe that 0/31/200

OUT DIVI TURE Should Be Used

to pay for this TRAINING Please

Use our teaning budget to his teaning

Chief Wills

NECESSARY FOR PRONE DUITAL DETECTIVES, SHOULD BE FRAND BY DRUM FUMBS.

1/23/2018



Remit To: Hawk Analytics, Inc. 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

INVOICE

Invoice #: INV22195
Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226 michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
1	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,200.00	2,200.00
		Grand To	2,200.00	

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Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

INVOICE

Invoice #: INV22195 Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow 206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
200 00 000 000	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,750.00	2,750.00
		Grand To	otal (USD)	2.750.00

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Cellular Technology, Mapping & Analysis Class

Training specific to understanding cellular networks and the information they provide. This class will provide an in-depth look into cellular networks and call detail records (CDR's) from any cell phone provider. We will teach you to understand the information, how to use the information, and why it is critical to your investigations.

WHAT YOU LEARN

- Learn the basics of mapping CDR's
- Learn how to use advanced reports (PCMD, RTT & EVDO) to obtain a more accurate location
- Learn how cellular networks communicate with cell phones
- Learn how to find out who's talking to who
- Learn how LTE has changed cellular networks and the records you use



Hawk Analytics is dedicated to making the investigations for law enforcement agencies throughout the U.S. faster, more informative and precise.

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at www.hawkanalytics.com/training

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK www.hawkanalytics.com

2 DAY

TRAINING

\$395

DAY 1

What are Cellular Call Detail Records (CDRs) How Do You Obtain Them

Understand the Technology that Created Them Understand the Records Themselves

DAY 2

Advanced Analysis: PCMD Data Advanced Analysis: Phone Behavior Testifying in Court

*Add 1-day CellHawk software training for \$155





SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

WHAT YOU LEARN

- Learn to leverage all the features within the CellHawk software
- Learn to extract as many possible answers from the data. For example; suspect behavior, connections, locations, dates & times
- Learn how CellHawk software can make you more effective in the courtroom with precise data



KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- **Cell Site Locations**
- Interactive Animation
- Statistical & Link Analysis
- **Graphical CDR Mapping**

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

1-DAY ~ March 29th 8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at www.hawkanalytics.com/training

OR Contact:

Hawk Training Team training@hawkanalytics.com

1 DAY TRAINING \$195 Get the most out of CellHawk by understanding all the features of the

software. Maximize your results, save

time and solve more cases. **CellHawk Basics**

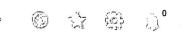
- **Uploading Files**
- **Working With Cell Site Lists**
- **Working With Phone Records (CDRs)**
- **Using The Map**
- **Getting Answers**
- **Reports & Exporting**
- **Advanced Topics**

469-373-HAWK -Option 3 www.hawkanalytics.com

Expense Reports

analytics

Merclich



Expenses Expenses Home Expense Reports Pcard / Travel Card Transactions Access Authorizations | Projects and Tasks | Payments Search Confirmation Expense report number KCIE2769500 for 6,174.95 has been submitted. Expense Report KCIE2769500 Create New Expense Report

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

* Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.

* Make a photocopy of this page and any receipts for your records.

* Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.

* If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.

Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Huffman, Christine S

(000074915)

Expense Dates 08-FEB-2018 - 09-FEB-2018

Cost Center 200125

Purpose KC PCARD

Original Receipts Status Not Required

Report Submit Date 14-FEB-2018

None Add

Report Total 6,174.95 USD

Reimbursement Amount 0.00 USD

Expense Lines

Expense Allocations

093000078507 RAV-SB-0001 94.43

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	-		40.00	-	•	ccan

	Date	Receipt Expense Type Amount	Justification	Merchant Name	Original Receipt Required	Receipt Missing	Reimbursable Amount (USD))etails	Attachments	
	08-Feb-2018		NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB-0001 0.00	LIFELINE TRAINING	***************************************		149.00		-fin	
. :	09-Feb-2018	1,192.42 USD	NO CPA/KENMORE WASHER/SEARS/ORDER	SEARS.COM 9300			1 192 42	[FERTIS		

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7	52180 MINR ASSET NON CONT L 5K						· (**
eb-2018	52202E 850.58 USD PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA		850.58	屋	c <u>t</u>
Feb-2018	15.96 USD 52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY		15.96	闽	q'a
Feb-2018	53890 MISC 607.00 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE		607.00	回	4
Feb-2018	2,750.00 USD 53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY		2,750.00	屋	
Feb-2018	53890 MISC 11.78 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE		11.78		급
Feb-2018	53890 MISC 10.36 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE		10.36	M	- Th
Feb-2018	587.85 USD 53210 SERVICES COMMUNICATION	NO CPA/MICROPHONE HEADSET IK W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 28212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548- 4645		587.85		r Da
	,			Total	6,174.95		
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Pcard / Travel Card Business Expenses Cash and Other Business Expenses	6,174.95 0.00
Expense Report Total	6,174.95 USD
Company Paying to Pcard / Travel Card Issuer	6,174.95 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD

Return | Create New Expense Report | Printable Page

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. Privacy Statement

Invoice

2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

Invoice #:	INV22195		
Date:	2/9/2018		

Bill	To
Bill	To

King County Sheriff's Office ATTN: Christine Huffman

	1			-
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King County Sheriff's Office ATTN: Christine Huffman

P.O. Number

Quantity Item Code	Mary Mark of the D	Description	Price Each	Amount
5 CH-TRAIN	CellHawk Product Train	ing	550.00	2,750.00
	Merclich	556.00		
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Total

\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:

DATE:

February 9, 2018

**TOTAL: \$2,750.00

PAYMENT METHOD: Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00



BUDGEL & VC 199008

Request for Training

2018 FEB - 2 PH 12: 12

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Date:	01/25/18					Bori	Supervis	507648 Sor signature
То:	Chief Jerrell V	Vills, CID	Via:	Chain		the (11)) Gupervie	//
From:	Sergeant Blyth	ne Miniken, MCI	U	· , (Captain	recommends a	oproval 🕢	Yes No
Re:	CELLHAWK A	NALYTICS					proved [
					Charge t	o Low Org # 🚡	PUL TUR	1D
5	Unit: Major Section: MIS/0	Crimes/SAU/In	tep 1030	1528 7)340	Mandato	ory? No	lf yes, ex	olain below
Cla	ss Title: CellH	awk	E 530H	4 To	Y A -			
			E 33011	4 1 00				
Lo	ocation: Des N	Moines, VVA						
Training	Dates: March	n 27-29, 2018		Tr	avel Dates:	n/a		
Λ 44 a va	dee(a): 1 De	staativa laa Mar	rolich	5	Sergeant	Chad Devore		
Atter		etective Joe Mer etective Patrick S		6.	Ocigoani	Orlad Devote		
	-	etective Chris M		7.		8		
	4. De	etective Matthew	v Olmstead	8.				
0 4			Registration					
	<u>r attendee</u> d Registration	\$	Registration	☐ A	ttendee(s)	have already re	gistered	a.
•	d before (date)	Ψ	Registrațion foi	rm A	ttached for	B&A to submit	(with paymer	nt if applicable)
				□В	&A will regi	ster online and	pay with	credit card
Pogula	ar Registration	\$550.00	7		repaid	Sponsor		Α
Regula	ai Negistiation	ψ330.00	Registration fee		O needed			o o u I - N
	Meals	\$		∐ N.	/A or other	☐ B&A to ba	ay online ((info attached)
	Lodging	\$				Attach ar	original s	signed
	Transportation	\$				Travel Pre-A	Authorizat	ion Form
	Other	\$	4			out-of-state	or overnig	ht travel.
	TOTAL	\$550 per perso	on			http://financeweb.i BS/EBS_AP_Tra	netrokc.gov vel_Pre-Aut	/finance/fmd/E horization.pdf
		\$2750 all atter	ndees	Request 0	- Cash Advar	nce \$ pe	er person	

Date 1/25/18
Budget & Accounting
Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken



RECEIVED BUDGET & ACCOUNTIN 2818 FEB -2. PH 12: 11

Memorandum

Date:

January 22, 2018

To:

Captain Ted Boe, Criminal Investigations Division

Via: Chain of Command

From:

Sergeant Blythe Miniken, Major Crimes Unit

Re:

CELLHAWK TRAINING

Cellhawk is a software program used by detectives through the KCSO Criminal Investigations Division that map cell phone usage when provided with Call Detail Records (CDR's) in criminal investigations. Cell mapping is a common task used in most of our larger, more complex, or highly sensitive cases. This tool allows us to upload data files provided by cellular companies and provides us with a graphical representation of individual calls on the map. It shows geographic boundaries of where the phone has travels, allows us to plot the most frequently used cells and see them on a map. This tool also helps analyze the CDR for anomalies or frequency, and also displays calls based on terrain maps, satellite imagery, street maps, and aviation charts. Cellhawk shows all of the provider cell sites and gives a graphical representation of the actual sector orientation for a cell. Our detectives are able to add their own markups to aid in presenting their data. Cellhawk has been used with great success in many cases among Major Investigations and, as technology expands, so does our need to maintain competency in these areas for purposes of investigations and presentation during trial. This is the current and only tool used for cell mapping at the King County Sheriff's Office.

Cellhawk training is offered around the country, however we have requested that they bring the training to the Seattle area based on the number of detectives within KCSO that would like the training. KCSO has sponsored a three day Cellhawk class on March 27th, 28, and 29th of 2018. Because we sponsored the class, we were given three seats in the class at no charge. The class (for all three days of training) costs \$590 per person. I have attached the class flyers for more information. Detectives Do, Elliott, and Glasgow will be attending the class for free. We are requesting that we also send Detectives Olmstead, Merclich, Sobczyk, Myers, and Sgt. Devore as this class would benefit each unit greatly. This would be a total cost of \$2950. Based on the fact that the majority of cases in Major Investigations/CID have a nexus to drugs, it would be appropriate to fund this class utilizing the drug fund.

Attachment: Cellhawk Flyer (2pgs)

Approved: Chief year (1)

I DO NOT be head that

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to pay for this Training Please

Use our teaning bridget to his training

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Remit To: Hawk Analytics, Inc. 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

INVOICE

Invoice #: INV22195
Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow 206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
4.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,200.00	2,200.00
		Grand To	otal (USD)	2,200.00

Terms & Conditions:

By providing payment in response to this quote:

- You acknowledge having received, read & understood the Hawk Analytics Master Subscription Agreement updated on October 1, 2013.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

The Total Cost covers:

- Use of the Application
- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.

~-g



Remit To: Hawk Analytics, In 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com



INVOICE

Invoice #: INV22195
Issued Date: 01-25-2018

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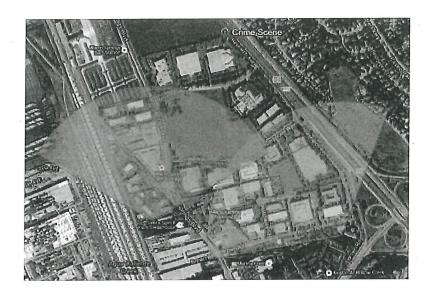


Cellular Technology, Mapping & Analysis Class

Training specific to understanding cellular networks and the information they provide. This class will provide an in-depth look into cellular networks and call detail records (CDR's) from any cell phone provider. We will teach you to understand the information, how to use the information, and why it is critical to your investigations.

WHAT YOU LEARN

- Learn the basics of mapping CDR's
- Learn how to use advanced reports (PCMD, RTT & EVDO) to obtain a more accurate location
- Learn how cellular networks communicate with cell phones
- Learn how to find out who's talking to who
- Learn how LTE has changed cellular networks and the records you use



Hawk Analytics is dedicated to making the investigations for law enforcement agencies throughout the U.S. faster, more informative and precise.

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at www.hawkanalytics.com/training

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK www.hawkanalytics.com

TRAINING \$395*

DAY 1

What are Cellular Call Detail Records (CDRs)
How Do You Obtain Them
Understand the Technology that Created Them
Understand the Records Themselves

DAY 2

Advanced Analysis: PCMD Data Advanced Analysis: Phone Behavior Testifying in Court

reserrying in court

*Add 1-day CellHawk software training for \$155



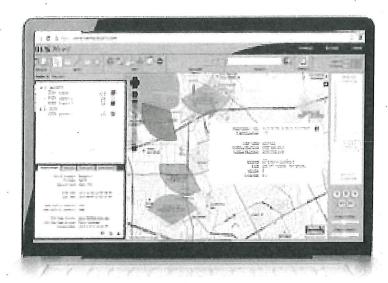


SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

WHAT YOU LEARN

- Learn to leverage all the features within the CellHawk software
- Learn to extract as many possible answers from the data. For example; suspect behavior, connections, locations, dates & times
- Learn how CellHawk software can make you more effective in the courtroom with precise data



KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- **Cell Site Locations**
- Interactive Animation
- Statistical & Link Analysis
- **Graphical CDR Mapping**

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

1-DAY ~ March 29th 8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at www.hawkanalytics.com/training

OR Contact:

Hawk Training Team training@hawkanalytics.com

1 DAY

TRAINING \$195

Get the most out of CellHawk by understanding all the features of the software. Maximize your results, save time and solve more cases.

- **CellHawk Basics**
- **Uploading Files**
- **Working With Cell Site Lists**
- Working With Phone Records (CDRs)
- **Using The Map**
- **Getting Answers**
- **Reports & Exporting**
- **Advanced Topics**



Sawk analytics

Sabezy

Expense Reports

Expenses Expenses Home | Expense Reports Pcard / Travel Card Transactions Access Authorizations Confirmation Expense report number KCIE2769500 for 6,174.95 has been submitted. Expense Report KCIE2769500 Create New Expense Report

Submission Instructions

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* Make a photocopy of this page and any receipts for your records.

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* If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.

Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Huffman, Christine S

(000074915)

Expense Dates 08-FEB-2018 - 09-FEB-2018

Cost Center 200125

Purpose KC PCARD

Report Submit Date 14-FEB-2018

None Add

Report Total 6,174.95 USD

Reimbursement Amount 0.00 USD

Original Receipts Status Not Required

Expense Allocations

Weekly Summary

Approval Notes [0] Approvers

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Date	Receipt Amount Expense Type	Justification	Merchant Name	Original Receipt Receipt Required Missing	Reimhursahle	Details Attachr	ments
08-Feb-2018	149.00 USD 53814 TRAINING	NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB-0001 0.00	LIFELINE TRAINING		149.00		4
09-Feb-2018	1,192.42 USD	NO CPA/KENMORE WASHER/SEARS/ORDER 093000078507 RAV-SB-0001 94.43	SEARS.COM 9300		1,192.42	<u> </u>	⊕ :

	Expense	Report	KCIE27	69500
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Page 2 of 2

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		52180 MINR ASSET NON CONT L 5K						i
	09-Feb-2018	52202E 850.58 USD PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA		850.58	a	4
	09-Feb-2018	15.96 USD 52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY		15.96		
	09-Feb-2018	53890 MISC 607.00 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE		607.00		47
	09-Feb-2018	2,750.00 USD 53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY		2,750.00		4
	09-Feb-2018	53890 MISC 11.78 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE	•	11.78		4 ·
1	09-Feb-2018	53890 MISC 10.36 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE		10.36		- ·
	08-Feb-2018	587.85 USD 53210 SERVICES COMMUNICATION	NO CPA/MICROPHONE HEADSET W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 828212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548- 4645		587.85		z[h
						6,174.95	1	
	T	AND AN AREA CONTRACTOR OF ANALYSIS OF THE SECOND		er and a second	Total	5,1150		

Pcard / Travel Card Business Expenses	6,174.95
Cash and Other Business Expenses	0.00
Expense Report Total	6,174.95 USD
Company Paying to Pcard / Travel Card Issuer	6,174.95 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD

Return | Create New Expense Report | Printable Page

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. Privacy Statement

Invoice

2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

Invoice #: INV22195

Date: 2/9/2018

2010

Bill To Ship To

King County Sheriff's Office ATTN: Christine Huffman King County Sheriff's Office ATTN: Christine Huffman

P.O. Number

Quantity	Item Code	Des	scription	Price Each	Amount
	CH-TRAIN	CellHawk Product Training		550.00	2,750.00
		Merclich Sobozyk Myers Almstead Devore	956.06 550.06 550.06 556.06		
	•	Devore	550.00		
		* .			
		X	x		

Total

\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:

DATE:

February 9, 2018

TOTAL:

\$2,750.00

PAYMENT METHOD

Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00



Request for Training

2018 FEB - 2 PH 12: 12

		Į.	INO CACIALI	7 3/16/20	, .					
Date:	01/25/18					~	Z			648
То:	Chief Jerrell V	Vills, CID	Via:	Chain			ifin	Super	visor sig /	ınature
From:	Sergeant Blyt	he Miniken, MC	U	V	Caj	ptainy	ecommends	approval	//	□No
Re:	CELLHAWK A	<u>ANALYTICS</u>			-		Chief	approved	☐ Yes	☐ No
					Cha	arge to	Low Org #	DRUH F	CND	
S	Unit: Major	r Crimes/SAU/In	t p 103	9528	Z Ma	ndator 	ry? No	If yes, e	explain b	elow
Class	s Title: Call	lowk	U	X) 24	<u> </u>		The state of the s			
Clas	s Title: CellH	lawk	E_5381	4T	00		enterestra			
Lo	cation: _Des l	Moines, WA							N	
Training	Dates: Marcl	h 27-29, 2018			Travel D	Dates:	n/a			= =
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Attorn	` '	etective Patrick			6.	ount c	onaa Bovoro	•		
	3. De	etective Chris M	yers		7.					
	4. De	etective Matthew	/ Olmstead		8.			- Sc		
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Т	ransportation	\$				_	Travel Profor out-of-co	e-Authoriz		
	Other	\$				_ .	out-of-sta	te or overr	ight trav	vel.
	TOTAL	\$ 550 per perso	on		. "		http://financewe BS/EBS_AP_7			
		\$2750 all atter	ndees	Reque	st Cash A	Advan	ce \$	per perso	n	

Date 1/25/18 Budget & Accounting Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken



RECEIVED BUDGET & ACCOUNTING

2818 FEB - 2 PK 12: 11

Memorandum

Date:

January 22, 2018

To:

Captain Ted Boe, Criminal Investigations Division

Via: Chain of Command

From:

Sergeant Blythe Miniken, Major Crimes Unit

Re:

CELLHAWK TRAINING

Cellhawk is a software program used by detectives through the KCSO Criminal Investigations Division that map cell phone usage when provided with Call Detail Records (CDR's) in criminal investigations. Cell mapping is a common task used in most of our larger, more complex, or highly sensitive cases. This tool allows us to upload data files provided by cellular companies and provides us with a graphical representation of individual calls on the map. It shows geographic boundaries of where the phone has travels, allows us to plot the most frequently used cells and see them on a map. This tool also helps analyze the CDR for anomalies or frequency, and also displays calls based on terrain maps, satellite imagery, street maps, and aviation charts. Cellhawk shows all of the provider cell sites and gives a graphical representation of the actual sector orientation for a cell. Our detectives are able to add their own markups to aid in presenting their data. Cellhawk has been used with great success in many cases among Major Investigations and, as technology expands, so does our need to maintain competency in these areas for purposes of investigations and presentation during trial. This is the current and only tool used for cell mapping at the King County Sheriff's Office.

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Attachment: Cellhawk Flyer (2pgs)

Approved: Chief year ()

I DO NOT be lied that

OUT DIVIS THANKY Please

Use Our Hanny bridget to this train.



Remit To: Hawk Analytics, Inc. 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

INVOICE

Invoice #: INV22195
Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
4.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,200.00	2,200.00
		Grand To	otal (USD)	2,200.00

Terms & Conditions:

By providing payment in response to this quote:

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- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

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- · Use of the Application
- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

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Remit To: Hawk Analytics, Inc. 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com



INVOICE

Invoice #: INV22195 Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael-Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

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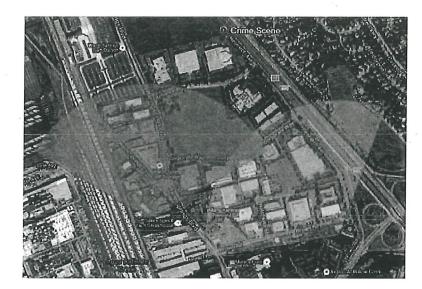


Cellular Technology, Mapping & Analysis Class

Training specific to understanding cellular networks and the information they provide. This class will provide an in-depth look into cellular networks and call detail records (CDR's) from any cell phone provider. We will teach you to understand the information, how to use the information, and why it is critical to your investigations.

WHAT YOU LEARN

- Learn the basics of mapping CDR's
- Learn how to use advanced reports (PCMD, RTT & EVDO) to obtain a more accurate location
- Learn how cellular networks communicate with cell phones
- Learn how to find out who's talking to who
- Learn how LTE has changed cellular networks and the records you use



Hawk Analytics is dedicated to making the investigations for law enforcement agencies throughout the U.S. faster, more informative and precise.

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at www.hawkanalytics.com/training

OR Contact:

Hawk Training Team training@hawkanalytics.com

469-373-HAWK

www.hawkanalytics.com

2 DAY TRAINING DAY 1 What are Cellular Call Detail Records (CDRs) How Do You Obtain Them Understand the Technology that Created Them Understand the Records Themselves DAY 2 Advanced Analysis: PCMD Data Advanced Analysis: Phone Behavior **Testifying in Court**

*Add 1-day CellHawk software training for \$155



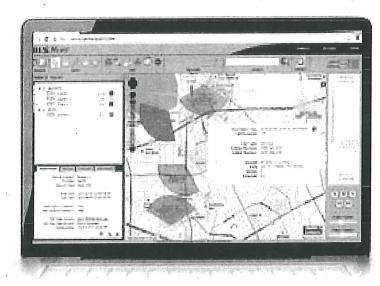


SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

WHAT YOU LEARN

- Learn to leverage all the features within the CellHawk software
- Learn to extract as many possible answers from the data. For example; suspect behavior, connections, locations, dates & times
- Learn how CellHawk software can make you more effective in the courtroom with precise data



KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- **Cell Site Locations**
- Interactive Animation
- Statistical & Link Analysis
- **Graphical CDR Mapping**

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

1-DAY ~ March 29th 8am to 5pm

2400 S 240th St, Des Moines, WA 98198



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OR Contact:

Hawk Training Team training@hawkanalytics.com

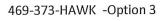
469-373-HAWK -Option 3 www.hawkanalytics.com

1 DAY

TRAINING \$195

Get the most out of CellHawk by understanding all the features of the software. Maximize your results, save time and solve more cases.

- **CellHawk Basics**
- **Uploading Files**
- **Working With Cell Site Lists**
- Working With Phone Records (CDRs)
- **Using The Map**
- **Getting Answers**
- **Reports & Exporting**
- **Advanced Topics**



Nawk Analytics

Logged In As HUFFMA

Expenses

Expenses Home Expense Reports

Expense Reports

Pcard / Travel Card Transactions

Access Authorizations

Confirmation

Expense report number KCIE2769500 for 6,174.95 has been submitted

Expense Report KCIE2769500

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

* Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.

* Make a photocopy of this page and any receipts for your records.

* Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.

* If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.

Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Huffman, Christine S

(000074915)

Report Submit Date 14-FEB-2018

Expense Dates 08-FEB-2018 - 09-FEB-2018

Cost Center 200125

Report Total 6,174.95 USD

None Add

Purpose KC PCARD

Reimbursement Amount 0.00 USD

Original Receipts Status Not Required

Expense Lines

Expense Allocations

Weekly Summary

Approval Notes [0] Approvers



mount Expense Type	Justification	

Original Receipt Receipt

Reimbursable: Amount (USD)

NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE

CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB-0001 0.00

NO CPA/KENMORE WASHER/SEARS/ORDER 093000078507 RAV-SB-0001 94.43

SEARS.COM 9300

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Expense Report KCIE27695	500
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Page	2	of 2	
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	09-Feb-2018	52202E 850.58 USD PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA		850.58	戸	r Ca
	09-Feb-2018	15.96 USD 52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY		15.96		4/2
* ***	09-Feb-2018	53890 MISC 607.00 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE		607.00		572
1	09-Feb-2018	2,750.00 USD 53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY		2,750.00		T-
	09-Feb-2018	53890 MISC 11.78 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE	÷	11.78		를
	09-Feb-2018	53890 MISC 10.36 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE		10.36	回	- ∰⊐
	08-Feb-2018	587.85 USD 53210 SERVICES COMMUNICATIO	MILE A DIVILLE I COLO I A COLO DI COLO	SPORTY'S (800) 548- 4645		587.85		=(h
						6,174.95	i.	
	1	COMMITTER STATE OF ST		e e e e e e e e e e e e e e e e e e e	Total	0,174.95).	

Pcard / Travel Card Business Expenses	6,174.95
Cash and Other Business Expenses	0.00
Expense Report Total	6,174.95 USD
Company Paying to Pcard / Travel Card Issuer	6,174.95 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD

Return | Create New Expense Report | Printable Page

. Privacy Statement

Invoice

2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

Bill To

Invoice #:	INV22195
Date:	2/9/2018

2010

Ship To

King County Sheriff's Office ATTN: Christine Huffman King County Sheriff's Office ATTN: Christine Huffman

P.O. Number

Quantity Item Code	Description	Price Each	Amount
5 CH-TRAIN	CellHawk Product Training	550.00	2,750.00
	Merclich 550.06 Sobozyk 550.06 Myers 550.06 Almotead 550.00 Devore 550.00		
	50bozyk 550.00		
	Myers 550.06	,	
	Almstead 550.00		
	Devore 550.00		
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Total

\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:

012

DATE:

February 9, 2018

TOTAL:

\$2,750.00

PAYMENT METHOD:

Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00



RECEIVED HIMMUCFOA & TARROUR

Request for Training

2018 FEB - 2 PH 12: 12

	K	TMC COURT	TALLAL					
Date: 01/25/18					BAN		676	
To: Chief Jerrell	Wills, CID	Via:	Chain		St. (In	Supe	rvisor signat	ture
From: Sergeant Bly	the Miniken, MCI	U , , , , , , , , , , , , , , , , , , ,	· ·	Captain	recommends	approval	I ✓ Yes □	No
Re: <u>CELLHAWK</u>	ANALYTICS	÷ y			Chief	approved	I ☐ Yes ☐	No
				Charge	to Low Org#	DRUM 4	TUND	
Unit: <u>Maj</u> Section: <u>MIS</u>	or Crimes/SAU/In /CID	t p 1039	1528 1340	Mandate	ory? No	If yes,	explain belo	W
Class Title: Cell	Hawk	C 53011) J T ~	~! A	Washington .			
Location: Des	Moines, WA	E_ 22011	1 00		manufacture.			
Training Dates: Mar			Tr	avel Dates	: _n/a ·			
Attendee(s): 1. E	etective Joe Mer	clich	5.	Sergeant	Chad Devore			
2. Detective Patrick Sobczyk 6.								
	etective Chris My etective Matthew	,	<u>7.</u> 8.					
Cost per attendee Early Bird Registration If paid before (date)	\$	Registration Registration for	m 🗌 A	ttached for	have already B&A to submister online ar	nit <i>(with payı</i>	ment if applicabl	
Regular Registration	6.	Registration fee	P P	repaid .O needed /A or other	☐ Invoice			ed)
Lodging	\$				Attach	an origina	al signed	\neg
Transportation	\$				Travel Pr	e-Authoriz	zation Form re than 6 hrs	
Other	\$				out-of-sta	te or over	night travel.	
TOTAL	\$ 550 per perso	on .			http://financewe			
	\$2750 all atten	idees	Request (Cash Adva	nce \$	per perso	on	

Date 1/25/18 Budget & Accounting Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken



RECEIVED BUDGET & ACCOUNTIN

2018 FEB - 2 PH 12: 11

Memorandum

Date:

January 22, 2018

To:

Captain Ted Boe, Criminal Investigations Division

Via: Chain of Command

From:

Sergeant Blythe Miniken, Major Crimes Unit

Re:

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Attachment: Cellhawk Flyer (2pgs)

Approved: Chief year ()

I DO NOT be head that

OUR DRUG FUND BE USED

to PAY FOR this TRAINING Please

Use Our training bridget to this training



Remit To: Hawk Analytics, Inc. 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

INVOICE

Invoice #: INV22195
Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King_County Sheriff's Office_

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
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		Grand To	otal (USD)	2,200.00

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INVOICE

Invoice #: INV22195 Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office _____ Primary Contact: Michael-Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

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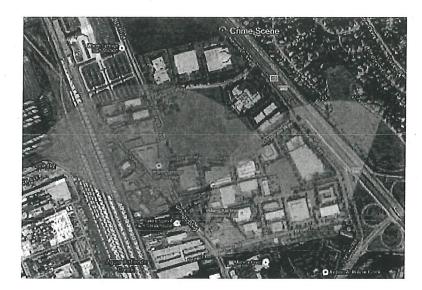


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- Learn how LTE has changed cellular networks and the records you use



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Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



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OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK

www.hawkanalytics.com

TRAINING \$395* DAY 1 What are Cellular Call Detail Records (CDRs) How Do You Obtain Them Understand the Technology that Created Them Understand the Records Themselves DAY 2 Advanced Analysis: PCMD Data Advanced Analysis: Phone Behavior Testifying in Court

*Add 1-day CellHawk software training for \$155



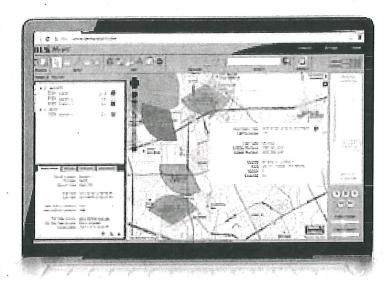


SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

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1 DAY

KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- **Cell Site Locations**
- Interactive Animation
- Statistical & Link Analysis
- **Graphical CDR Mapping**

Northwestern Region

Highline College

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1-DAY ~ March 29th 8am to 5pm

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OR Contact:

Hawk Training Team training@hawkanalytics.com

TRAINING \$195 Get the most out of CellHawk by understanding all the features of the software. Maximize your results, save time and solve more cases. **CellHawk Basics Uploading Files Working With Cell Site Lists** Working With Phone Records (CDRs) **Using The Map Getting Answers Reports & Exporting Advanced Topics**

469-373-HAWK -Option 3 www.hawkanalytics.com

Expense Reports

Shork analytics

Logged In As HUFFMACS



Expenses Pcard / Travel Card Transactions Access Authorizations | Projects and Tasks | Payments Search

Confirmation

Expense report number KCIE2769500 for 6,174.95 has been submitted

Expense Report KCIE2769500

Create New Expense Report

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

* Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.

* Make a photocopy of this page and any receipts for your records.

* Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.

* If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable

Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Huffman, Christine S

(000074915)

Report Submit Date 14-FEB-2018

Expense Dates 08-FEB-2018 - 09-FEB-2018

Cost Center 200125

Report Total 6,174,95 USD

None Add

Purpose KC PCARD

Reimbursement Amount 0.00 USD

Original Receipts Status Not Required

Expense Lines

Date	Receipt Expense Type	Justification	Merchant Name	Original Receipt Receipt Required Missing	Reimbursable Amount (USD)	Details Attachments
08-Feb-2018	149.00 USD 53814 TRAINING	NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB- 0001 0.00	LIFELINE TRAINING	**************************************	149.00	
09-Feb-2018	1,192.42 USD	NO CPA/KENMORE WASHER/SEARS/ORDER 093000078507 RAV-SB-0001 94,43	SEARS.COM 9300		1,192.42	

									\mathcal{L}	J
	1	52180 MINR ASSET NON CONT L 5K						·		
	09-Feb-2018	52202E 850.58 USD PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA			850.58		다.	
	09-Feb-2018	15.96 USD 52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY			15.96		$\mathbf{r}_{\mathbf{k}}^{(l)}$	
************	09-Feb-2018	53890 MISC 607.00 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE			607.00		7 <u>77</u> 3	
1	09-Feb-2018	2,750.00 USD 53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY	,		2,750.00	<u>a</u>	4	1
	09-Feb-2018	53890 MISC 11.78 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE			11.78		13	1
A	09-Feb-2018	53890 MISC 10.36 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE	¥		10.36		⊏ ∭⊒	
	08-Feb-2018	587.85 USD 53210 SERVICES COMMUNICATION	NO CPA/MICROPHONE HEADSET W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 28212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548- 4645	e ee		587.85		=[}=	:
	1					Total	6,174.95	i i		:
			to the termination of the contract of the state of the contract of the contrac	THE RESERVE AS A SECOND CONTRACT OF THE PERSON OF THE PERS						

Pcard / Travel Card Business Expenses Cash and Other Business Expenses	6,174.95 0.00
Expense Report Total	6,174.95 USD
Company Paying to Pcard / Travel Card Issuer	6,174.95 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD

Return | Create New Expense Report | Printable Page

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. Privacy Statement

Invoice

2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

Invoice #: INV22195

Date: 2/9/2018

200

Bill To Ship To

King County Sheriff's Office ATTN: Christine Huffman King County Sheriff's Office ATTN: Christine Huffman

P.O. Number

Quantity Item Code Description Price Each Amount

5 CH-TRAIN CellHawk Product Training 550.00 2,750.00

Merclich 550.06

Sobogyk 550.06

Myers 550.00

Acure 550.00

Total

\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:

3013

DATE:

February 9, 2018

TOTAL:

\$2,750.00

PAYMENT METHOD:

Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00



RLOEIVED HIMUCE ACTORUM

Request for Training

2018 FEB - 2 PH 12: 12

		K	тыс сэсытү	POLICE		
Date:	01/25/18					Supervisor signature
То:	Chief Jerrell V	Vills, CID	Via:	Chain		Supervisor signature
From:	Sergeant Blyt	he Miniken, MC	Ú .		Captain	ecommends approval Yes No
Re:	CELLHAWK A	ANALYTICS				Chief approved Yes No
					Charge to	DEUN FUND
S	Unit: Major	r Crimes/SAU/In	t p 1030	7528	Mandato	ry? No If yes, explain below
		ii.	0_20	0340		79.57.91
Clas	s Title: <u>CellH</u>	awk	F 5381	4 T 00	A	
l o	action: Dec N	Joines MAA		7 1 00		one and a second
LO	cation: Des N	violites, vvA				-
Training	Dates: Marcl	า 27-29, 2018		Tra	vel Dates:	n/a
Attend		etective Joe Mer			Sergeant C	Chad Devore
		etective Patrick S		6		
		etective Chris My		$\frac{7}{2}$		
	_4. De	etective Matthew	Olmstead	8.		
Cost per	attendee		Registration			
	Registration	\$		☐ Att	endee(s) h	nave already registered
If paid	before (date)		Registrațion for	rm 🔲 Att	ached for E	B&A to submit (with payment if applicable)
				□ B&	A will regis	ster online and pay with credit card
Regular	r Registration	\$550.00		☐ Pre	epaid	Sponsor will bill B&A
Regulai	registration	φοσο.σο	Registration fee		needed	
	Meals	\$		∐ N/A	or other	B&A to pay online (info attached)
	Lodging	\$				Attach an original signed
Ti	ransportation	\$				Travel Pre-Authorization Form for out-of-county (more than 6 hrs),
	Other	\$				out-of-state or overnight travel. http://financeweb.metrokc.gov/finance/fmd/E
	TOTAL	\$550 per perso	n		Ľ	BS/EBS_AP_Travel_Pre-Authorization.pdf
·		\$2750 all atter	idees	Request Ca	ash Advan	ce \$ per person

Date 1/25/18 Budget & Accounting Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken



RECEIVED BUDGET & ACCOUNTIN

2018 FEB -2 PK.12: 11

Memorandum

Date:

January 22, 2018

To:

Captain Ted Boe, Criminal Investigations Division

Via: Chain of Command

From:

Sergeant Blythe Miniken, Major Crimes Unit

Re:

CELLHAWK TRAINING

Cellhawk is a software program used by detectives through the KCSO Criminal Investigations Division that map cell phone usage when provided with Call Detail Records (CDR's) in criminal investigations. Cell mapping is a common task used in most of our larger, more complex, or highly sensitive cases. This tool allows us to upload data files provided by cellular companies and provides us with a graphical representation of individual calls on the map. It shows geographic boundaries of where the phone has travels, allows us to plot the most frequently used cells and see them on a map. This tool also helps analyze the CDR for anomalies or frequency, and also displays calls based on terrain maps, satellite imagery, street maps, and aviation charts. Cellhawk shows all of the provider cell sites and gives a graphical representation of the actual sector orientation for a cell. Our detectives are able to add their own markups to aid in presenting their data. Cellhawk has been used with great success in many cases among Major Investigations and, as technology expands, so does our need to maintain competency in these areas for purposes of investigations and presentation during trial. This is the current and only tool used for cell mapping at the King County Sheriff's Office.

Cellhawk training is offered around the country, however we have requested that they bring the training to the Seattle area based on the number of detectives within KCSO that would like the training. KCSO has sponsored a three day Cellhawk class on March 27th, 28, and 29th of 2018. Because we sponsored the class, we were given three seats in the class at no charge. The class (for all three days of training) costs \$590 per person. I have attached the class flyers for more information. Detectives Do, Elliott, and Glasgow will be attending the class for free. We are requesting that we also send Detectives Olmstead, Merclich, Sobczyk, Myers, and Sgt. Devore as this class would benefit each unit greatly. This would be a total cost of \$2950. Based on the fact that the majority of cases in Major Investigations/CID have a nexus to drugs, it would be appropriate to fund this class utilizing the drug fund.

ALTACHMENT: Cellhawk Flyer (2pgs)

Approved: Chief year ()

I DO NOT be head that

OUT DIVIS THANKING Please

Use Our Harving bridget to this train.



Remit To: Hawk Analytics, Inc. 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

INVOICE

Invoice #: INV22195
Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
4.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,200.00	2,200.00
		Grand To	otal (USD)	2,200.00

Terms & Conditions:

By providing payment in response to this quote:

- You acknowledge having received, read & understood the Hawk Analytics Master Subscription Agreement updated on October 1, 2013.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

The Total Cost covers:

- Use of the Application
- · All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.



Remit To: Hawk Analytics, Inc. 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com



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Invoice #: INV22195 Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office _____Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

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Cellular Technology, Mapping & Analysis Class

Training specific to understanding cellular networks and the information they provide. This class will provide an in-depth look into cellular networks and call detail records (CDR's) from any cell phone provider. We will teach you to understand the information, how to use the information, and why it is critical to your investigations.

WHAT YOU LEARN

- Learn the basics of mapping CDR's
- Learn how to use advanced reports (PCMD, RTT & EVDO) to obtain a more accurate location
- Learn how cellular networks communicate with cell phones
- Learn how to find out who's talking to who
- Learn how LTE has changed cellular networks and the records you use



Hawk Analytics is dedicated to making the investigations for law enforcement agencies throughout the U.S. faster, more informative and precise.

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at www.hawkanalytics.com/training

OR Contact:

Hawk Training Team

training@hawkanalytics.com

www.hawkanalytics.com 469-373-HAWK

2 DAY TRAINING DAY 1 What are Cellular Call Detail Records (CDRs) How Do You Obtain Them Understand the Technology that Created Them Understand the Records Themselves DAY 2 Advanced Analysis: PCMD Data Advanced Analysis: Phone Behavior Testifying in Court *Add 1-day CellHawk software training for \$155



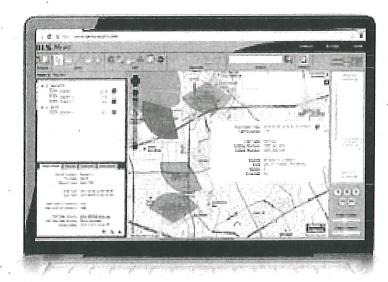


SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

WHAT YOU LEARN

- Learn to leverage all the features within the CellHawk software
- Learn to extract as many possible answers from the data. For example; suspect behavior, connections, locations, dates & times
- Learn how CellHawk software can make you more effective in the courtroom with precise data



KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- **Cell Site Locations**
- Interactive Animation
- Statistical & Link Analysis
- **Graphical CDR Mapping**

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

1-DAY ~ March 29th 8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at www.hawkanalytics.com/training

OR Contact:

Hawk Training Team training@hawkanalytics.com

469-373-HAWK -Option 3 www.hawkanalytics.com

1 DAY

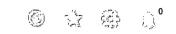
TRAINING \$195

Get the most out of CellHawk by understanding all the features of the software. Maximize your results, save time and solve more cases.

- **CellHawk Basics**
- **Uploading Files**
- **Working With Cell Site Lists**
- Working With Phone Records (CDRs)
- **Using The Map**
- **Getting Answers**
- **Reports & Exporting**
- **Advanced Topics**



Expense Reports



Logged In As HUFFMACS

Expenses	Levore
Expenses Home Expense Reports Pcard / Travel Card Transactions	Access Authorizations Projects and Tasks Payments Search
Confirmation	The second secon
Expense report number KCIE2769500 for 6,174.95 has been submitted.	A CONTROL OF THE CONT
Expense Report KCIE2769500	Return Create New Expense Report Printable Page

Submission Instructions

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Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Huffman, Christine S

(000074915)

Expense Dates 08-FEB-2018 - 09-FEB-2018

Cost Center 200125

Purpose KC PCARD

Report Submit Date 14-FEB-2018

None Add

Report Total 6,174,95 USD

Reimbursement Amount 0.00 USD

Original Receipts Status Not Required

Expense Lines

Weekly Summary

093000078507 RAV-SB-0001 94.43

:	Date	:	Receipt Amount Expense Type	Justification	Merchant Name	Original Receipt Required	Receipt Missing	Reimbursable Amount (USD)	Dotaile	Attachments	
	08-Feb-2018	•		NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB-0001 0.00	LIFELINE TRAINING	A 2 11 11 11 11 11 11 11 11 11 11 11 11 1		149.00		-II-	
1	09-Feb-2018		1,192.42 USD	NO CPA/KENMORE WASHER/SEARS/ORDER	SEARS.COM 9300	*	•	1 100 10	Interest		

SEARS.COM 9300

1,192.42

	1	52180 MINR ASSET NON CONT L 5K					(•) (•)		;
	09-Feb-2018	52202E 850.58 USD PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA		850.58	画	먑	P .
	09-Feb-2018	15.96 USD 52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY		15.96	<u> Ita</u>	c(L	7
	09-Feb-2018	53890 MISC 607.00 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE		607.00		댻	.
7	09-Feb-2018	2,750.00 USD 53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY	,	2,750.00		G-	; =
	09-Feb-2018	53890 MISC 11.78 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE		11.78		7.5	, }
1	09-Feb-2018	53890 MISC 10.36 USD SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE	* *	10.36		때	þ .
	08-Feb-2018	587.85 USD 53210 SERVICES COMMUNICATION	NO CPA/MICROPHONE HEADSET W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 28212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548- 4645		587.85		elle Li	÷ :
					Total	6,174.95			i.

Pcard / Travel Card Business Expenses Cash and Other Business Expenses	6,174.95 0.00
Expense Report Total	6,174.95 USD
Company Paying to Pcard / Travel Card Issuer	6,174.95 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD
p. Military and American Street, Co. of the	

Return | Create New Expense Report | Printable Page

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. Privacy Statement

Invoice

2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

Invoice #:	INV22195
Date:	2/9/2018

P.O. Number

Total

\$2,750.00

Bill To

King County Sheriff's Office
ATTN: Christine Huffman

Ship To

King County Sheriff's Office
ATTN: Christine Huffman

				AND SHEET STREET	
Quantity 5	Item Code CH-TRAIN	CellHawk Product Training	scription g	Price Each 550.00	Amount 2,750.00
		Merclich Sobozyk Myers Almotead Devore	556.06		
		Sobozyk	550 00		
* .		Myers	550.06		
		Olmstead	550.00		
		Devore	550.00		
			and the second s		
e	,	*			
				*	
		2 y			



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER: 3013

DATE:

February 9, 2018

TOTAL:

\$2,750.00

PAYMENT METHOD:

Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00



RECEIVED

Request for

Request for Training

2018 FEB - 2 PH 12: 12

			1 1 LONG			
	K	ING COUNTY PO)LIGE			
Date: 01/25/18					TYM	Supervisor signature
To: Chief Jerrell V	Vills, CID	Via: C	hain		ti (In	Supervisor signature
From: Sergeant Blyt	he Miniken, MCL	J	` (Captain	ecommends	approval Yes No
Re: <u>CELLHAWK</u>	<u>ANALYTICS</u>				Chief	approved Yes No
•				Charge to	Low Org #	DRUM FUND
	r Crimes/SAU/Int	P 10395	128	Mandato	ry? No	If yes, explain below
Section: MIS/0	CID	0 200	340			
Class Title: CellH	lawk	F 53814	T_00	I A		
Location: Des l	Moines, WA		1_00		ALICO COLOR	
			Tra	vel Dates:	n/o	
Training Dates: Marcl	11 27-29, 2010			vei Dates.	n/a	
Attendee(s): 1. De				Sergeant C	Chad Devore	<u> </u>
0	etective Patrick S etective Chris My	-				
-	etective Crins My	,	8.			
Cook way attanded		Degiatration				
Cost per attendee Early Bird Registration	\$	Registration	Att	endee(s) h	ave already	registered
If paid before (date)	,	Registrațion form	☐ Att	ached for E	3&A to subm	nit (with payment if applicable)
			=			nd pay with credit card
Regular Registration	\$550.00	Registration fee		epaid D needed	☐ Sponso	or will bill B&A
Meals	\$	Registration lee	1000	or other		pay online (info attached)
Lodging	\$			r r	Attack	an adalasi almad
Transportation	\$				Travel Pr	an original signed e-Authorization Form
Other	\$				out-of-sta	ounty (more than 6 hrs), te or overnight travel.
TOTAL	\$550 per perso	n				bb.metrokc.gov/finance/fmd/E Fravel_Pre-Authorization.pdf
	\$2750 all atten	dees Re	equest Ca	ash Advan	ce \$	per person

Date 1/25/18 Budget & Accounting Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken



RECEIVED BUDGET & ACCOUNTIN

2018 FEB - 2 PK 12: 11

きける ししい

Memorandum

Date:

January 22, 2018

To:

Captain Ted Boe, Criminal Investigations Division

Via: Chain of Command

From:

Sergeant Blythe Miniken, Major Crimes Unit

Re:

CELLHAWK TRAINING

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ALTACHMENT: Cellhawk Flyer (2pgs)

Approved: Chief year (-)

I DO NOT be head that

OUT DIVIS THANKS Should BE Used

to PAY for this Thanking Please

Use Our training bridget to this train.



Remit To: Hawk Analytics, Inc. 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com

INVOICE

Invoice #: INV22195
Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
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		Grand Total (USD)		2,200.00

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Remit To: Hawk Analytics, Inc. 2652 FM 407 Suite 215-E Bartonville, TX 76226 (469) 373-HAWK sales@hawkanalytics.com



INVOICE

Invoice #: INV22195 Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office _____ Primary Contact: Michael-Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,750.00	2,750.00
	Grand Total (USE			2,750.00

Terms & Conditions:

By providing payment in response to this quote:

- You acknowledge having received, read & understood the Hawk Analytics Master Subscription Agreement updated on October 1, 2013.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

The Total Cost covers:

- Use of the Application
- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.



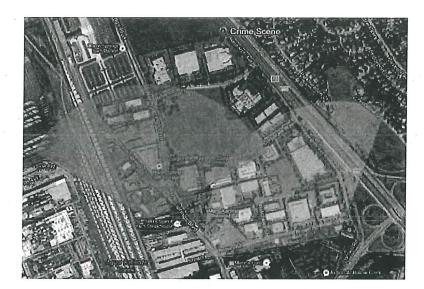


Cellular Technology, Mapping & Analysis Class

Training specific to understanding cellular networks and the information they provide. This class will provide an in-depth look into cellular networks and call detail records (CDR's) from any cell phone provider. We will teach you to understand the information, how to use the information, and why it is critical to your investigations.

WHAT YOU LEARN

- · Learn the basics of mapping CDR's
- Learn how to use advanced reports (PCMD, RTT & EVDO) to obtain a more accurate location
- Learn how cellular networks communicate with cell phones
- Learn how to find out who's talking to who
- Learn how LTE has changed cellular networks and the records you use



Hawk Analytics is dedicated to making the investigations for law enforcement agencies throughout the U.S. faster, more informative and precise.

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at www.hawkanalytics.com/training

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK

www.hawkanalytics.com

2 DAY

TRAINING

\$395

DAY 1

What are Cellular Call Detail Records (CDRs)

How Do You Obtain Them

Understand the Technology that Created Them Understand the Records Themselves

DAY 2

Advanced Analysis: PCMD Data Advanced Analysis: Phone Behavior

Testifying in Court

*Add 1-day CellHawk software training for \$155



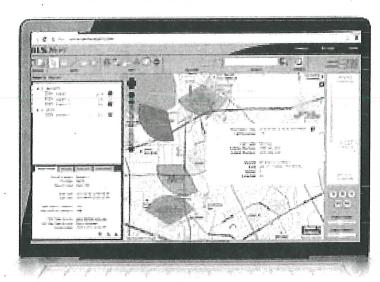


SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

WHAT YOU LEARN

- Learn to leverage all the features within the CellHawk software
- Learn to extract as many possible answers from the data. For example; suspect behavior, connections, locations, dates & times
- Learn how CellHawk software can make you more effective in the courtroom with precise data



KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- **Cell Site Locations**
- Interactive Animation
- Statistical & Link Analysis
- **Graphical CDR Mapping**

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

1-DAY ~ March 29th 8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at www.hawkanalytics.com/training

OR Contact:

Hawk Training Team training@hawkanalytics.com **CellHawk Basics**

1 DAY

Get the most out of CellHawk by understanding all the features of the software. Maximize your results, save time and solve more cases.

TRAINING \$195

- **Uploading Files**
- **Working With Cell Site Lists**
- Working With Phone Records (CDRs)
- **Using The Map**
- **Getting Answers**
- **Reports & Exporting**
- **Advanced Topics**

469-373-HAWK -Option 3 www.hawkanalytics.com